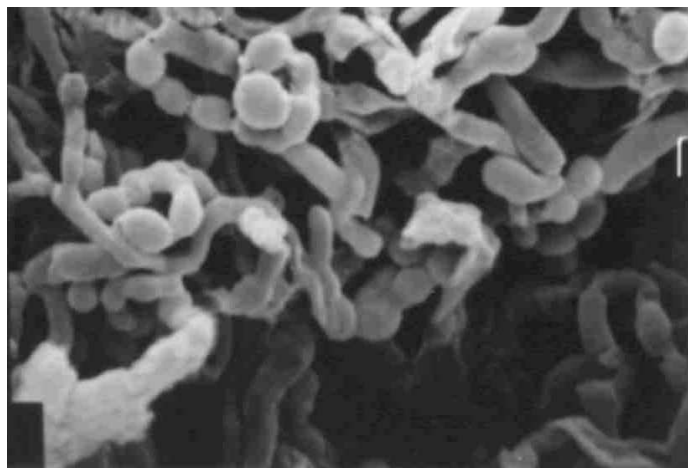
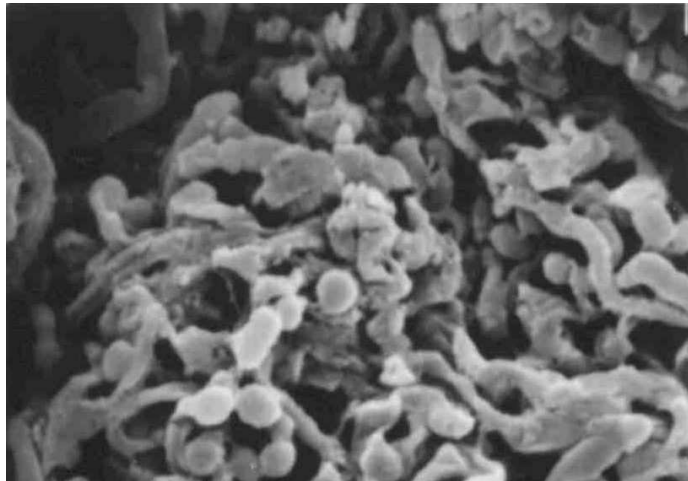


Name:	<i>Streptomyces gibsonii</i>
Authors:	(Erikson 1935) Waksman and Henrici 1948
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:383 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 6852, IMET 7023, NCTC 4575, DSM 43284



Streptomyces gibsonii

A – Spore chains and spore surface in SEM (x 7.500)

Genus: *Streptomyces*

FH 2013

Species: *gibsonii*

Numbers in other collections: IMET 7023

Morphology:

	G	R
<u>ISP 2</u>	good	yellow
	A	SP
	white	yellow
	G	R
<u>ISP 3</u>	good	yellow
	A	SP
	white	none
	G	R
<u>ISP 4</u>	good	colorless
	A	SP
	white	none
	G	R
<u>ISP 5</u>	good	yellow
	A	SP
	white	yellow
	G	R
<u>ISP 6</u>	good	colorless
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	yellow
	A	SP
	white	none

Spore chains: Sp

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance:

Lysozyme resistance: -

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	-	-	+	(+)	+	-	-	-	-

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	+	+	+	+	-	-

Comments:



Streptomyces gibsonii

B and C – Agar plates medium 5006, 5265 and 5313



Streptomyces gibsonii

D and E – Microplate with ISP- and melanin media